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PATENT
211139.90107



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lee P. NOEHRING et al.

Group Art Unit: 2131

Serial No.: 09/921,677

Examiner: Not Yet Assigned

Filed: August 3, 2001

For: APPARATUS AND METHOD FOR
RESOLVING SECURITY
ASSOCIATION DATABASE
UPDATE COHERENCY IN
HIGH-SPEED SYSTEMS HAVING
MULTIPLE SECURITY CHANNELS

Assistant Commissioner for Patents
Box Non-Fee Amendment
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination of the above-identified application, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please substitute the following paragraph for the one presented in the originally-filed application. A marked up version of the following paragraph, indicating all of the changes relative to the previous version, is included in the paper entitled Version with Markings to Show Changes, accompanying this amendment.

Replace the paragraph on page 9 that runs from lines 3 through 15 with the following:

The inbound SA data structure 600 further includes an SPI field 606, a FLAG field 608, an SA KEY INFORMATION POINTER field 610, an ANTI-REPLAY MASK field 612, a SRC RANGE MASK field 614 and an IP VERSION ADDRESS field 616. The SPI field 606, similar to the outbound SA data structure 500, includes the SPI value that was agreed upon when the inbound SA was established for the security tunnel. Also similar to the outbound SA data structure 500, the FLAG field 608 includes flags used to control various inbound packet processes. The SA KEY INFORMATION POINTER field 610 includes a pointer value associated with the security key being used. The ANTI-REPLAY MASK field 612 includes various anti-replay masks that can be used when the anti-replay service is enabled. And finally, the IP VERSION ADDRESS field 616 includes various data depending upon whether IP version 4.0 or IP version 6.0 is being utilized. This information, as well as the information in the SRC RANGE MASK field 614, is not needed to understand the present invention and will not be further discussed.

REMARKS

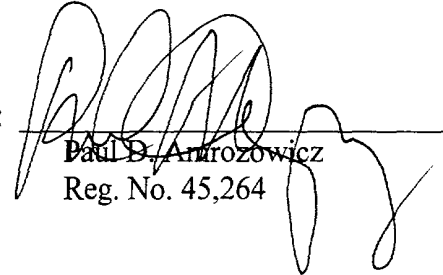
The foregoing amendment corrects a typographical error and minor omission from the amended paragraph. The changes noted herein are fully supported in the originally-filed application, thus no new matter is presented.

It is respectfully requested that the preliminary amendment be entered.

Respectfully submitted,

Dated: November 13, 2001

By:



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VERSION WITH MARKINGS TO SHOW CHANGES

The following clearly show the changes to the specification and claims being made in the amendment filed contemporaneously herewith.

IN THE SPECIFICATION:

The paragraph on page 9 that runs from lines 3 through 15 is amended as follows:

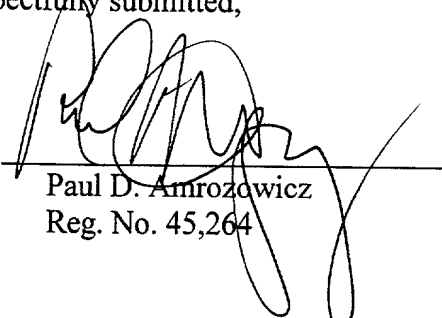
The inbound SA data structure 600 further includes an SPI field 606, a FLAG field 608, an SA KEY INFORMATION POINTER field 610, an ANTI-REPLAY MASK field 612, a SRC RANGE MASK field 614 and an IP VERSION ADDRESS field [614] 616. The SPI field 606, similar to the outbound SA data structure 500, includes the SPI value that was agreed upon when

the inbound SA was established for the security tunnel. Also similar to the outbound SA data structure 500, the FLAG field 608 includes flags used to control various inbound packet processes. The SA KEY INFORMATION POINTER field 610 includes a pointer value associated with the security key being used. The ANTI-REPLAY MASK field 612 includes various anti-replay masks that can be used when the anti-replay service is enabled. And finally, the IP VERSION ADDRESS field [603] 616 includes various data depending upon whether IP version 4.0 or IP version 6.0 is being utilized. This information, as well as the information in the SRC RANGE MASK field 614, is not needed to understand the present invention and will not be further discussed.

Respectfully submitted,

Dated: November 13, 2001

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